

Optical data stores comprising a Co phthalocyanine having an axial substituent and an axial ligand in the light-writable information layer

A b s t r a c t

Optical data carriers whose information layer comprises at least one light-absorbent compound which is a Co(III) phthalocyanine in which the Co metal centre bears an axial substituent R¹ and an axial coordinated ligand R², where R¹ is CN, SCN, halogen, in particular Cl, Br or F, alkoxy, aryloxy, arylthio or alkylthio and R² is no ligand or substituted or unsubstituted amine, water, an alcohol, H₂S, a thioalcohol or an isonitrile.